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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark J. Khesin
Serial No: 09/924,131
Filed: August 6, 2001
For: COMBUSTION DIAGNOSTICS METHOD AND SYSTEM

Examiner: Unknown
Art Unit: 2182

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Commissioner for Patents
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PRELIMINARY AMENDMENT

Sir:

Prior to examination on the merits, kindly amend the above-identified application as follows:

In the Claims:

Please cancel claim 30 without prejudice or disclaimer.

Please rewrite the remaining claims and add new claims as shown below.

A¹

1. A method for analyzing operation of a combustor comprising steps of:
 - (a) monitoring radiation emitted within the combustor;
 - (b) analyzing an AC component of the monitored radiation according to a first algorithm;
 - (c) analyzing the AC component of the monitored radiation according to a second algorithm; and

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01 FC:102
02 FC:103

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